PU-25-84

Hiland Crude, LLC
Hiland Express Spine Pipeline
As-Built Inspection Report

File No. 193807520

July 2026

Prepared for:

North Dakota Public Service Commission
600 E. Boulevard Avenue
Bismarck, ND 58505-0480

Prepared by:

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100 Collins Avenue, Suite 101
Mandan, ND 58554

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1.0 EXECUTIVE SUMMARY

The North Dakota Public Service Commission (PSC) retained Stantec Consulting Services Inc (Stantec) to complete inspection(s) during construction of the Hiland Crude, LLC (i.e. Hiland) Express Spine Pipeline, PU-25-84 (i.e., the Project) in McKenzie County, North Dakota. The purpose of the inspections is to ensure the Project is constructed in compliance with the siting laws and rules and the applicable PSC Orders for the Project, including requirements regarding pipeline depth and soil segregation, among others.

Construction involving soil disturbance for the Project began August 25th, 2025. Stantec was present to observe the commencement of topsoil salvage and segregation by Loenbro Construction Company, Inc. (Loenbro). Stantec was present for a construction inspection on October 15th, 2025 for pertinent construction activities deemed relevant to the applicable PSC orders for the project. Stantec conducted an as-built inspection of the Project area on July 20th and 21st, 2026. At the time of the as-built inspection, the pipeline trench had been backfilled, soils had been recontoured, topsoil had been replaced, and seeding was completed. Fencing removed for construction access had also been replaced. As-built conditions in various settings along the route were generally satisfactory. However, some areas of the ROW showed signs of topsoil erosion due to precipitation and associated runoff. Agricultural crops were planted along a substantial portion of the corridor and appeared to be growing comparably to the adjacent crops outside the project ROW. The majority of the Project was adequately maintained and appeared to have been constructed as planned with efforts to minimize impacts, but minor revegetation issues will continue to be monitored for the Project to be considered complete and in full compliance.

This As-built Inspection Report includes documentation ROW corridor alignments, trench backfill, subsoil and topsoil respread and contouring, fence/gate reconstruction and repair, and project waste removal during the July 20th and 21st on-site inspection of the project. In most places, the ROW corridor alignment and subsoil and topsoil respread and contouring, and fence/gate repair were satisfactory. Overall, the project site was in order and general project waste was removed. Areas of adequate stormwater best management practices (BMP's) were observed which provide value during the re-vegetation establishment period but will need to be removed prior to the final reclamation inspection. Select areas along the corridor appeared to be lacking proper vegetation establishment and will continue to be monitored. Lastly, work along wetlands, steep slopes and other sensitive areas indicated in Hiland's Application for Corridor Compatibility appeared to maintain BMP's (excluding certain areas mentioned) and be in compliance with PSC Orders.

Stantec recommends the PSC inform Hiland Crude that noted areas lacking vegetation establishment be re-seeded in the Fall.

2.0 BACKGROUND INFORMATION

2.1 INTRODUCTION

Hiland has constructed the Express Spine Pipeline, a proposed 28-mile natural gas pipeline in McKenzie County North Dakota. The Project stretches from Hiland's Roosevelt Natural Gas Plant south of Watford City, ND, to the Forthune compressor station north of Alexander, ND. Most of this route is through private agricultural land, with a small portion crossing public lands.

2.2 PURPOSE & SCOPE

The North Dakota Energy Conversion and Transmission Facility Act (North Dakota Century Code Chapter 49-22) authorizes the Public Service Commission to determine that the location, construction, and operation of jurisdictional energy conversion and transmission facilities will produce minimal adverse effects on the environment and the welfare of citizens of North Dakota. Construction inspections aim to ensure that such projects are constructed in compliance with the siting laws (North Dakota Century Code Chapter 49-22) and rules (North Dakota Administrative Code Article 69-06) and the applicable PSC Findings of Fact, Conclusions of Law, and Order (Order). The PSC issued its Findings of Fact, Conclusions of Law and Order in Case No. PU-25-083 on August 7th, 2025, granting Certificate of Corridor Compatibility No. 241.

The PSC retained Stantec to complete as-built inspections of the Project. The inspection process included a review of the Application, the Project's Order, and other applicable documents. The primary intent of this As-Built Inspection is to document compliance with PSC's Findings of Fact (FoF) and Project Order Provisions:

Order Provision #12: "*Company understands and agrees that topsoil, up to 12 inches, or topsoil to the depth of cultivation, whichever is greater, over and along trench areas, must be carefully stripped and segregated from the subsoil. Any area on which excavated subsoil will be placed must first be stripped of topsoil. The stripped topsoil must not be stockpiled in natural drainages, and must be protected from water erosion. Care must be taken to protect topsoil from unnecessary compaction by heavy machinery. Unless otherwise approved by the Commission, topsoil must be removed before topsoil freezes in the late fall/early winter to the point that frost inhibits proper soil segregation. After backfilling with subsoil is completed, any excess subsoil must be placed over the excavation area, blending the grade into existing topography. Topsoil must be replaced over areas from which it was stripped only after the subsoil is replaced.*"

Order Provision #18: "*Company understands and agrees that it shall, as soon as practicable upon the completion of the construction of the transmission facility, restore the area affected by the activities to as near as is practicable to the condition as it existed prior to the beginning of construction.*"

Project Order #19: "*Company understands and agrees that all pre-existing township and county roads and lanes used during construction must be repaired or restored to a condition that is equal to or better than the condition prior to the construction of the transmission facility and that will accommodate their previous use, and that areas used as temporary roads or working areas during construction must be restored to their original condition".*

Project Order #20: *"Company understands and agrees that reclamation, fertilization, and reseeding is to be done according to the Natural Resources Conservation Service recommendations, unless otherwise specified by the landowner and approved by the Commission".*

Project Order #21: "*Company will fulfill its obligation for reclamation and maintenance of the approved transmission facility right-of-way, transmission facility, and associated facilities continuing throughout the life of the transmission facility".*

Project Order #22: "*Company will repair all fences and gates removed or damaged during all phases of construction and operation of the transmission facility".*

Project Order #23: "*Company will repair or replace all drainage tile broken or damaged as a result of construction and operation of the transmission facility".*

Project Order #24: "*Company agrees to comply with the Tree and Shrub Mitigation Specifications attached".*

Project Order #25: "*Company understands and agrees that it shall remove all waste that is a product of construction and operation, restoration, and maintenance of the site, and properly dispose of it on a regular basis".*

Project Order #26: "*Company understands and agrees that it shall provide any necessary safety measures for traffic control or to restrict public access to the transmission facility".*

2.3 INSPECTION METHODOLOGY

Stantec's intent was to ensure the Projects obligations of compliance with specifications found in the Findings of Fact, Conclusions of Law and Order, Certifications Relating to Order Provisions, and Tree and Shrub Mitigation. Project Specifications originate from 1) siting laws and rules, 2) Project activities or specifications proposed in the Consolidated Application for a Certificate of Corridor Compatibility and Route Permit (Application), 3) Project plans described in the Findings of Fact, Conclusions of Law, and Order 4) Certification Relating to Order Provisions, and 5) regulations or recommendations from other agencies.

Stantec visually inspected the Project by walking and driving within the Project right-of-way on July 20th and 21st, 2026. At the time of inspection, the Contractor had completed their final restoration activities and de-mobilized from the project site. An iPhone was used to collect photographs during the inspection with the utilization of Arc GIS's Field Maps application for GPS locating and documentation purposes.

Location-referenced photographs are provided in Appendix A and Geographical Information System (GIS) generated map(s) of observation locations are provided in Figure 1.

3.0 INSPECTION RESULTS

3.1 DOCUMENT REVIEW

Stantec staff reviewed select -available Project documents in the PSC Online Case Search (https://apps.psc.nd.gov/cases/psdocketsearch#searchanchor) to find written verification of compliance for the Project Specifications. PSC required Project documents appear to be filed with the PSC. Non-PSC required documents were referenced in communication to various municipalities or agencies as being received and the communication is filed with the PSC. A tree and shrub mitigation plan was not found in the docket, which should be submitted prior to project completion.

3.2 TRANSMISSION FACILITY

Multiple points along the as-built corridor of the pipeline were observed. The site inspection observations coincided well with the GIS shapefiles of the pipeline provided to Stantec **(Figures 1-18)**. No points were observed to be differing with the route filed with the PSC (PSC Docket #1, 03 March 2025). Stantec staff reviewed the publicly-available documents and found one filed Route Adjustment on the PSC docket for this project. Stantec confirmed via GIS route maps provided by Hiland in concurrence with visual observation of the corridor that this route adjustment (PSC Docket #32, 07 July 2025). Additionally, there is no indication that an as-built alignment of the project has been filed with the PSC post construction completion.

Observed aboveground structures were constructed upon engineered and graded aggregate pads with access roads constructed through roadway Right-of-Way (ROW) and chain link fences exist around the aboveground structures restricting access to authorized personnel only. Aboveground structures were found to be in good condition. Construction of the pipeline was completed in February of 2026.

3.3 ROAD & RIGHT-OF-WAYCONDITION

All road crossing permits detail specifications to be followed which include no disturbance and restoration clauses. Stantec visually confirmed roadway crossings were conducted through boring operations and have not altered the road surface (**Appendix A, Observation Point 39**).

3.4 PROJECT RIGHT-OF-WAY

3.4.1 SOIL RESPREAD AND GRADING

Overall, Stantec did not observe signs of widespread negligent soil respread techniques and PSC Order #12 appeared to be followed. Soil grading and slope contouring were generally appropriate and in compliance with PSC Order #12 and #18 (**Appendix A, Observation Points 2, 3, 5-11, 13, 15-19, 21-27,**

29-31, 34-46, 50, 53). Right-of-way soil respread and grading was found to be relatively clear of any significant amounts of subsoil mixing.

Prior construction inspection of right-of-way areas noted naturally shallow topsoil depth (6-inches or less) along segments of the corridor and that replacing the entirety of the existing topsoil in-kind would be crucial to permitting proper vegetation establishment. The as-built inspection confirmed that topsoil was generally replaced to an adequate depth as seeding activities had been completed approximately 2 months prior to the as-built inspection, and vegetation appeared to be establishing at an expected rate. A significant portion of the pipeline corridor is located within agricultural crop land. At the time of inspection, these crops were planted and in the latter half of their growth phase. Crops within the ROW appeared comparable to those adjacent to the ROW **(Appendix A, Observation Points 2, 8, 18-19, 22, 24-27, 29, 30, 37, 38, 40-44, 46, 50, 53)** which was an indication of proper topsoil respread depth and quality. However, several areas were observed during the as-built inspection where crops and/or vegetation were noticeably lacking in quantity/quality compared to those adjacent to the ROW **(Appendix A, Observation Points 14, 33, 47, 54, 55)**. The majority of these locations were north of Hwy 85. Stantec was notified in April of 2026 that restoration activities were anticipated to commence within 2 weeks following the notification and were completed in June of 2026. It is likely that the ROW north of Highway 85 was seeded last, where drier summer conditions could be hindering proper growth. Stantec will monitor these areas in 2027 to verify the Project ROW is restored to pre-existing conditions. Additionally, two ditches where timber mats were placed for construction access appeared to not have been seeded during the restoration efforts **(Appendix A, Observation Points 49, 51)**. It is recommended that these areas be seeded to prevent further erosion and sedimentation.

3.4.2 GEOLOGICALLY UNSTABLE AREAS AND STEEP SIDE SLOPES

Stantec did not observe any geologically unstable areas during the as-built inspection. Per FoF #20, there are geologically unstable areas within the project corridor, but there are no locations where the pipeline crosses these areas. The Project corridor contains many other locations with steep terrain. As noted in the Construction Inspection, stripping efforts on steep slopes commonly resulted in large stockpiles on the downslope side of the ROW in order to create a flat workspace, where subsoil mixing was of relatively high likelihood. Generally, soil replacement and BMP practices at locations with steep side slopes **(Appendix A, Observation Point 1)** appeared to be adequate.

3.4.3 WETLAND AND STREAM CROSSINGS

The pipeline alignment crosses multiple wetlands and/or streams which were inspected to ensure compliance with the PSC order provisions. Impacts to streams and wetlands can be mitigated through the use of various BMP’s such as silt fences, bio-rolls, and timber mats but should be removed following construction. Timber mats at wetland/stream crossings were removed at the time of the as-built inspection, but silt fence was still in-place at two locations **(Appendix A, Observation Points 1, 20)**, which will need to be removed prior to the final Reclamation Inspection. Keeping select BMP’s in-place is considered desirable until vegetation is established, as doing so will help prevent soil erosion.

3.5 FENCES AND GATES

Hiland committed to repairing and replacing all fences and gates (PSC Order Provision #22). Generally, existing fences and/or gates that were impacted by pipeline construction appeared to be replaced or repaired as needed **(Appendix A, Observation Points 12, 32, 49, 51, 52, 54)**.

3.6 DRAINAGE TILE

Hiland will repair or replace all drainage tile broken or damaged as a result of construction and operation of the transmission facility PSC Order Provision #23). Stantec did not observe broken or damaged drainage tile at any point along the pipeline route.

3.7 WASTE REMOVAL

Construction waste removal along the route was generally acceptable. Construction mats and timbers were completely removed at the time of inspection. As noted above in Section 3.4.3, some silt fence remained in place and should be removed once vegetation is fully established.

4.0 RECOMMENDATIONS

As-Built Inspections for PU-25-84 have verified that the Project, overall, has been constructed in compliance with the siting laws, siting rules, and applicable Commission Orders. Stantec makes the following recommendations to alleviate the issues observed during the Project inspection:

- Request company to remove any remaining silt fence once vegetation is fully established **(Appendix A, Observation Points 1, 20)**.
- Request company to re-seed areas with inadequate vegetation cover, such as noted in Section 3.4.2 **(Appendix A, Observation Points 14, 33, 47, 54** [55 excluded as this is cropland]**)**.
- Request company to seed roadway ditches, such as noted in Section 3.4.2 **(Appendix A, Observation Points 49, 51)**.
- Request company to file Tree and Shrub Mitigation Plan and georeferenced as-built alignment file for the project.
- Request company to submit an as-built pipeline alignment as noted in Section 3.2.

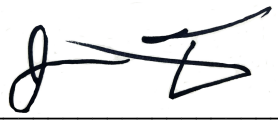
5.0 SIGNATURE

Stantec's Project Manager and Registered North Dakota Professional Engineer, Jordan Twete prepared this report. The report was reviewed by Matt Retka, North Dakota Professional Soil Classifier.

The conclusions in this Report are Stantec's professional opinion, as of the time of the Report, and concerning the scope described in the Report. The opinions in the document are based on conditions and information existing at the time the document was published and may not take into account subsequent changes. The Report relates solely to the specific project for which Stantec was retained and the stated purpose for which the Report was prepared. The Report is not to be used or relied on for any variation or extension of the project, or for any other project or purpose, and any unauthorized use or reliance is at the recipient's own risk.

Stantec has assumed all information received from the ND PSC and third parties in the preparation of the Report to be correct. While Stantec has exercised a customary level of judgment or due diligence in the use of such information, Stantec assumes no responsibility for the consequences of any error or omission contained therein.

This Report is intended solely for use by the ND PSC in accordance with Stantec's contract with the ND PSC. While the Report may be provided to applicable authorities having jurisdiction and others for whom the ND PSC is responsible, Stantec does not warrant the services to any third party. The report may not be relied upon by any other party without the express written consent of Stantec, which may be withheld at Stantec's discretion.



Jordan Twete
Project Manager
Civil Engineer

July 31, 2026
Date

FIGURES

Figures 1-18: Construction Observation Locations Maps

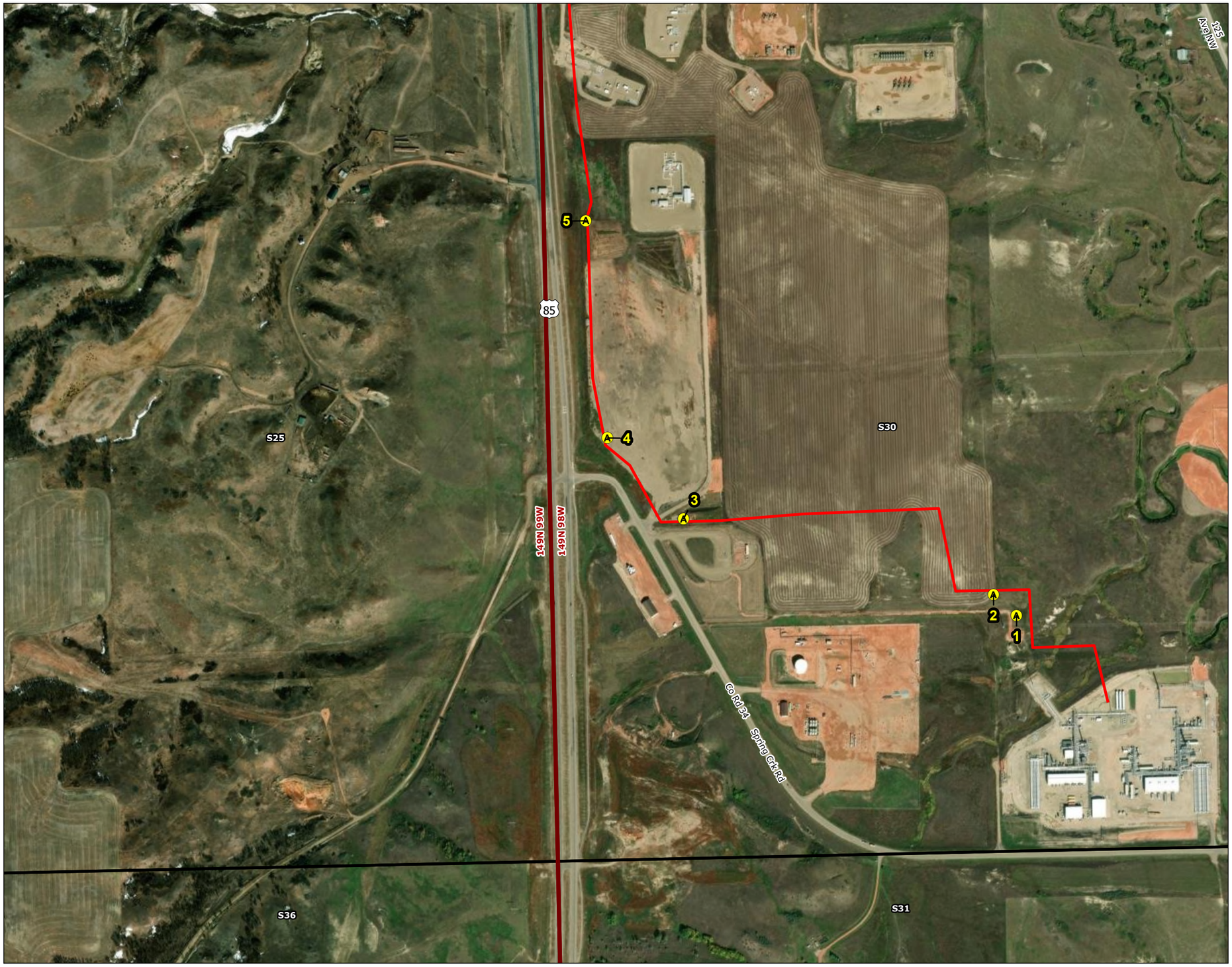


Figure No.
1

Title
As-Built Inspection

Client/Project 227708322
North Dakota Public Service Commission
PU-25-084 Hiland Express Spine Pipeline

Project Location
McKenzie Co., ND

Prepared by BS on 2026-07-31

N

0 300 600 Feet
(At original document size of 11x17)
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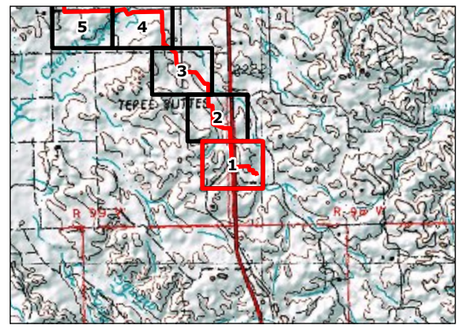
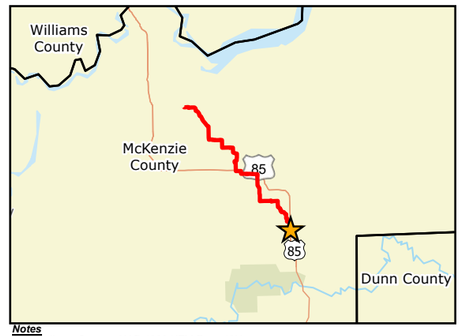
Legend
- Hiland Express Spine Pipeline
- Township Boundary
- Section Boundary
- (A) As-Built Observation Location





Notes
1. Coordinate System: NAD 1983 UTM Zone 13N
2. Data Sources: ESRI, USGS
3. Background: ESRI World Imagery

Stantec

Figure No.
2

Title
As-Built Inspection

Client/Project 227708322
North Dakota Public Service Commission
PU-25-084 Hiland Express Spine Pipeline

Project Location
McKenzie Co., ND

Prepared by BS on 2026-07-31

N

0 300 600 Feet
(At original document size of 11x17)
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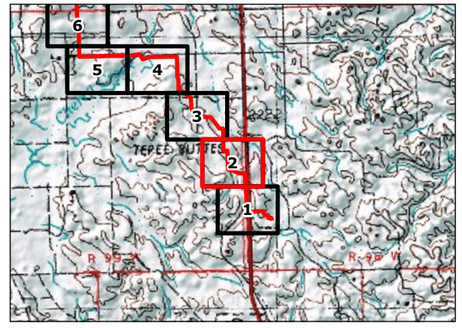
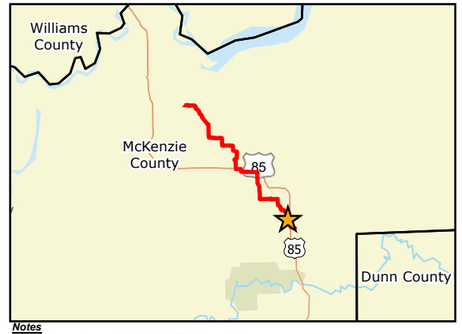
Legend
- Hiland Express Spine Pipeline
- Township Boundary
- Section Boundary
- (A) As-Built Observation Location





Notes
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Stantec

Figure No.
3

Title
As-Built Inspection

Client/Project 227708322
North Dakota Public Service Commission
PU-25-084 Hiland Express Spine Pipeline

Project Location
McKenzie Co., ND

Prepared by BS on 2026-07-31

N

0 300 600 Feet
(At original document size of 11x17)
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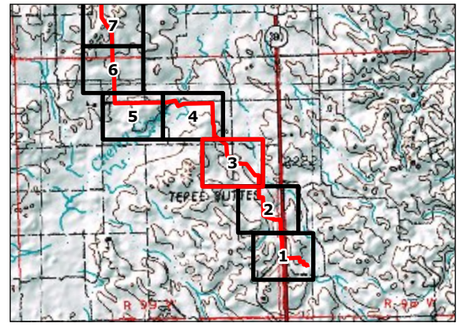
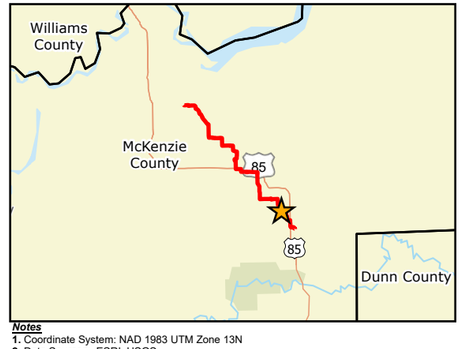
Legend
- Hiland Express Spine Pipeline
- Township Boundary
- Section Boundary
- (A) As-Built Observation Location





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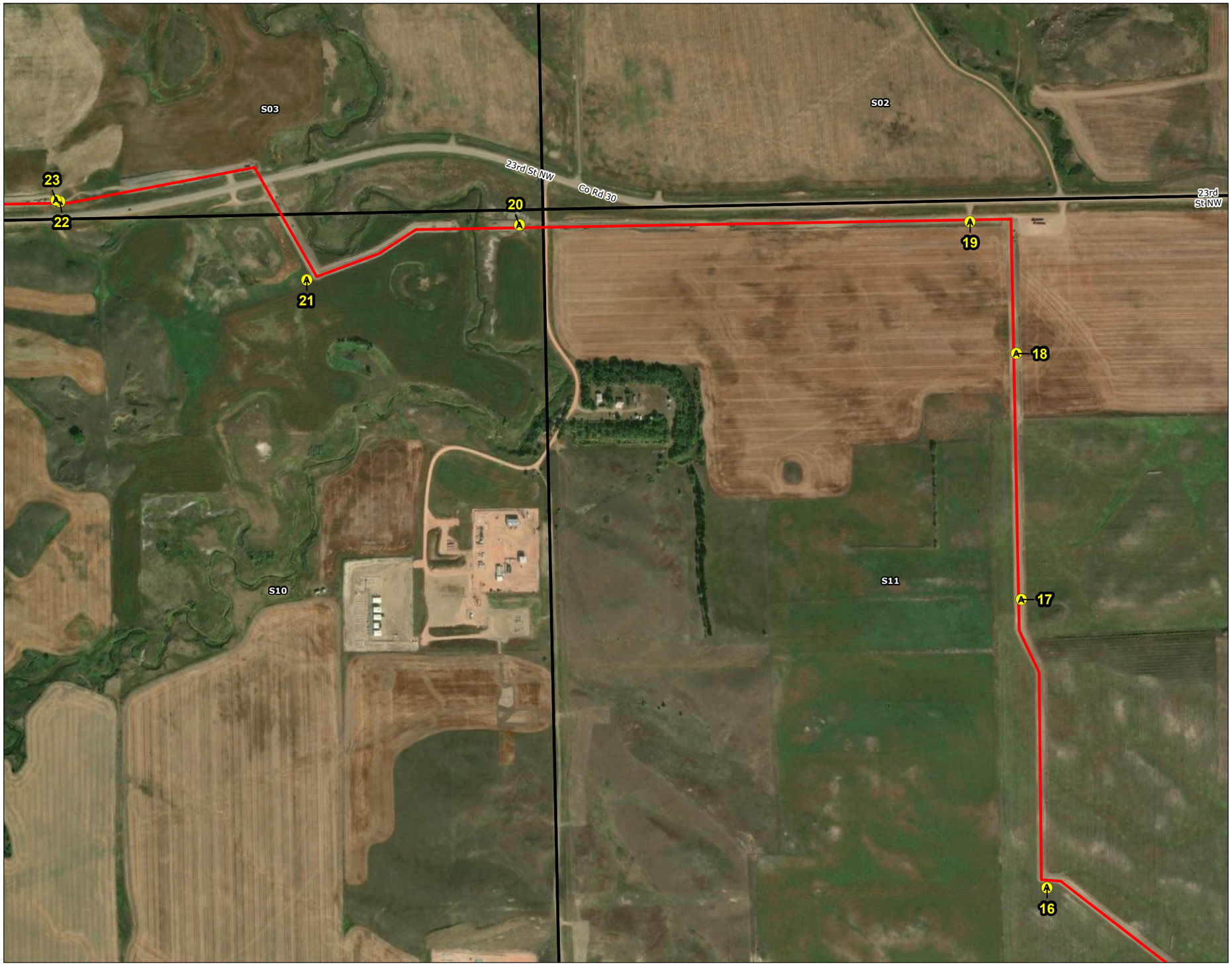

Figure No.
4

Title
As-Built Inspection

Client/Project 227708322
North Dakota Public Service Commission
PU-25-084 Hiland Express Spine Pipeline

Project Location
McKenzie Co., ND

Prepared by BS on 2026-07-31

N

0 300 600 Feet
(At original document size of 11x17)
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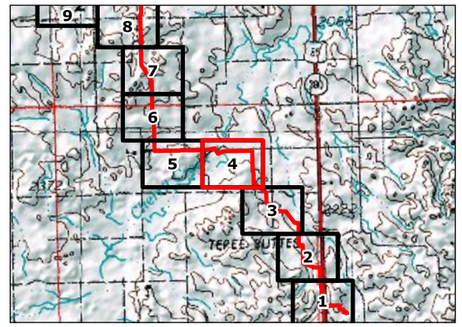
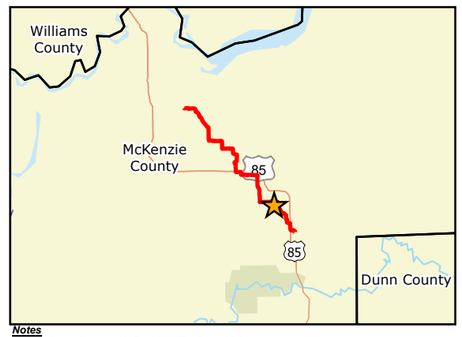
Legend
- Hiland Express Spine Pipeline
- Township Boundary
- Section Boundary
- (A) As-Built Observation Location





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Stantec

Figure No.
5

Title
As-Built Inspection

Client/Project 227708322
North Dakota Public Service Commission
PU-25-084 Hiland Express Spine Pipeline

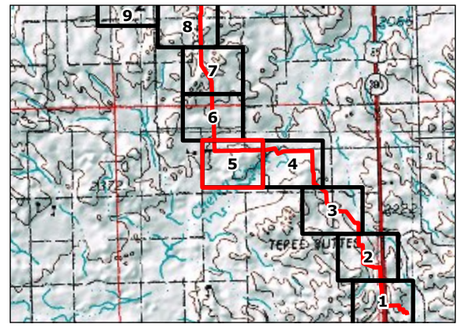
Project Location
McKenzie Co., ND

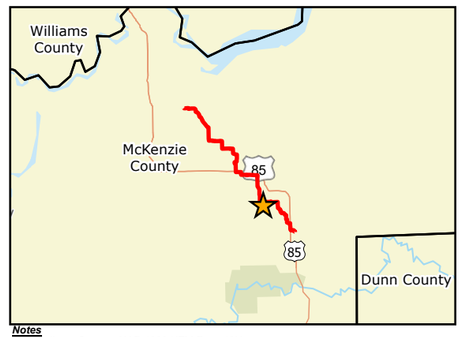
Prepared by BS on 2026-07-31

N

0 300 600 Feet
(At original document size of 11x17)
1:7,200

Legend
- Hiland Express Spine Pipeline
- Township Boundary
- Section Boundary
- (A) As-Built Observation Location





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Stantec

Figure No.
6

Title
As-Built Inspection

Client/Project 227708322
North Dakota Public Service Commission
PU-25-084 Hiland Express Spine Pipeline

Project Location
McKenzie Co., ND

Prepared by BS on 2026-07-31

N

0 300 600 Feet
(At original document size of 11x17)
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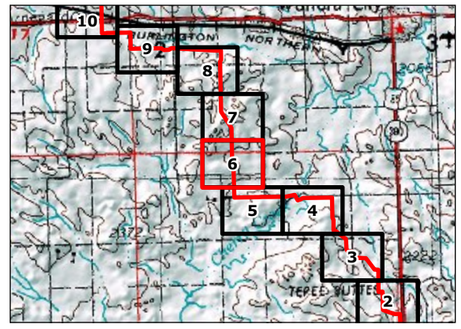
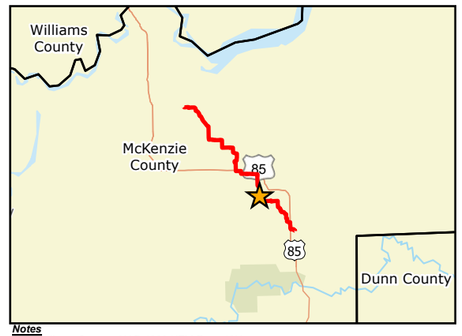
Legend
- Hiland Express Spine Pipeline
- Township Boundary
- Section Boundary
- A As-Built Observation Location





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Stantec

Figure No.
7

Title
As-Built Inspection

Client/Project 227708322
North Dakota Public Service Commission
PU-25-084 Hiland Express Spine Pipeline

Project Location
McKenzie Co., ND

Prepared by BS on 2026-07-31

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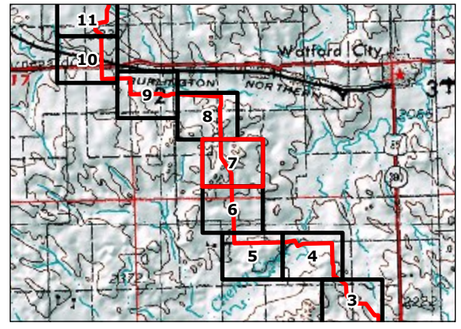
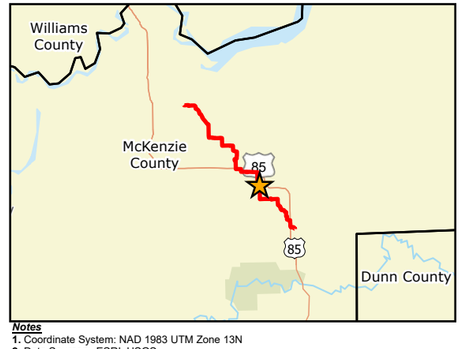
1:7,200

Legend
- Hiland Express Spine Pipeline
- Township Boundary
- Section Boundary
- (A) As-Built Observation Location





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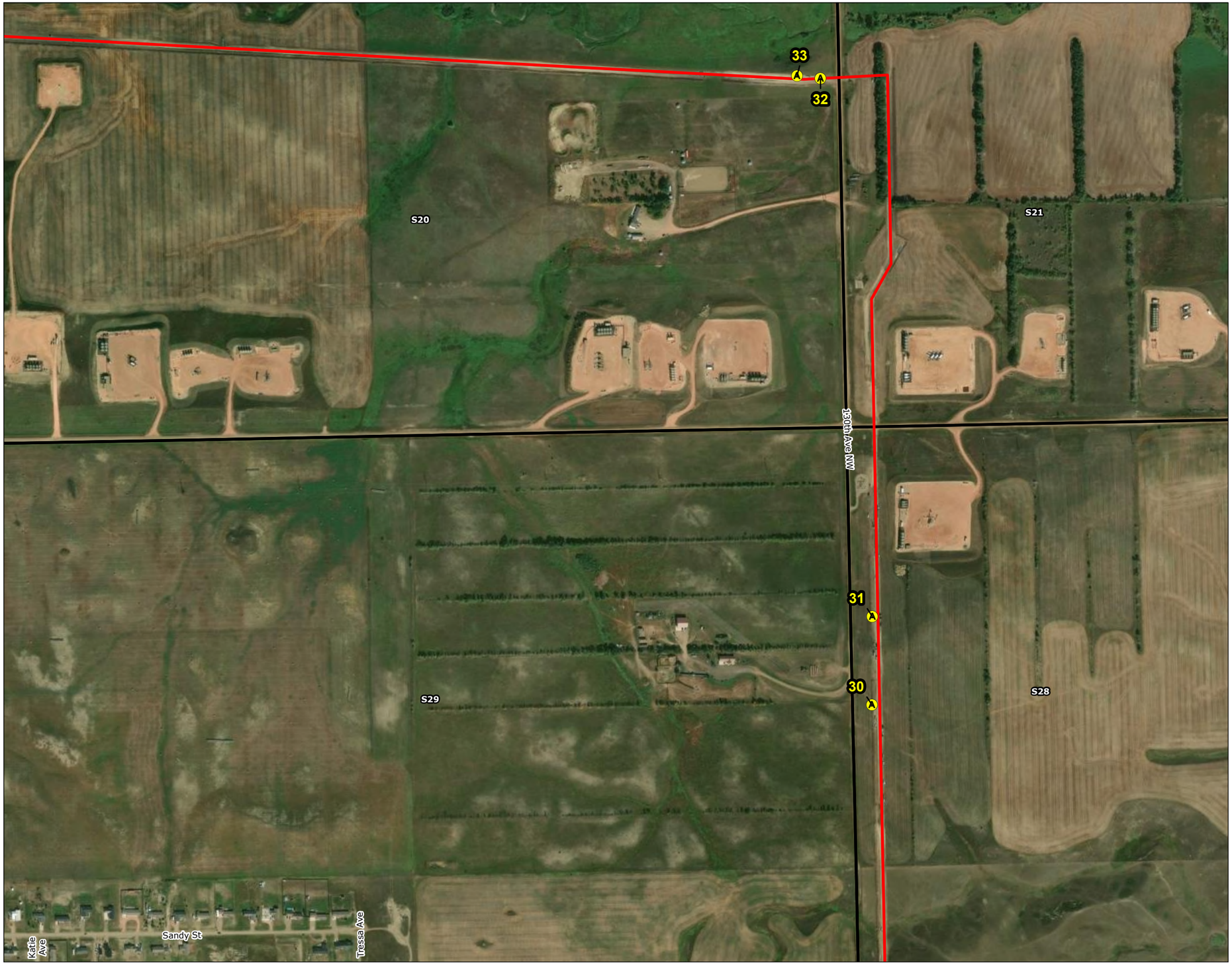

Figure No.
8

Title
As-Built Inspection

Client/Project 227708322
North Dakota Public Service Commission
PU-25-084 Hiland Express Spine Pipeline

Project Location
McKenzie Co., ND

Prepared by BS on 2026-07-31

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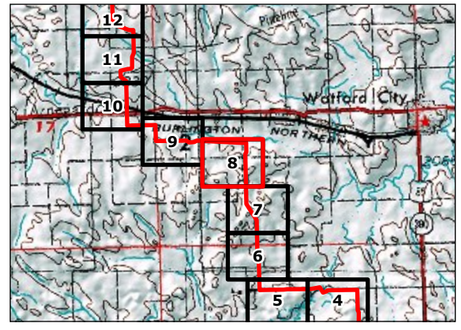
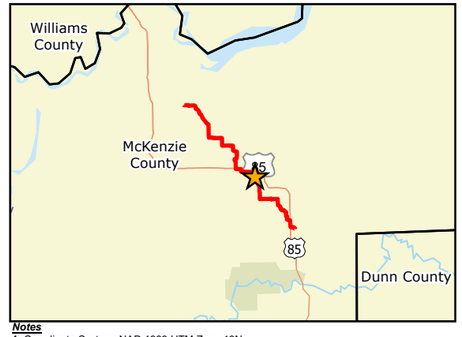
Legend
- Hiland Express Spine Pipeline
- Township Boundary
- Section Boundary
- (A) As-Built Observation Location





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3. Background: ESRI World Imagery

Stantec

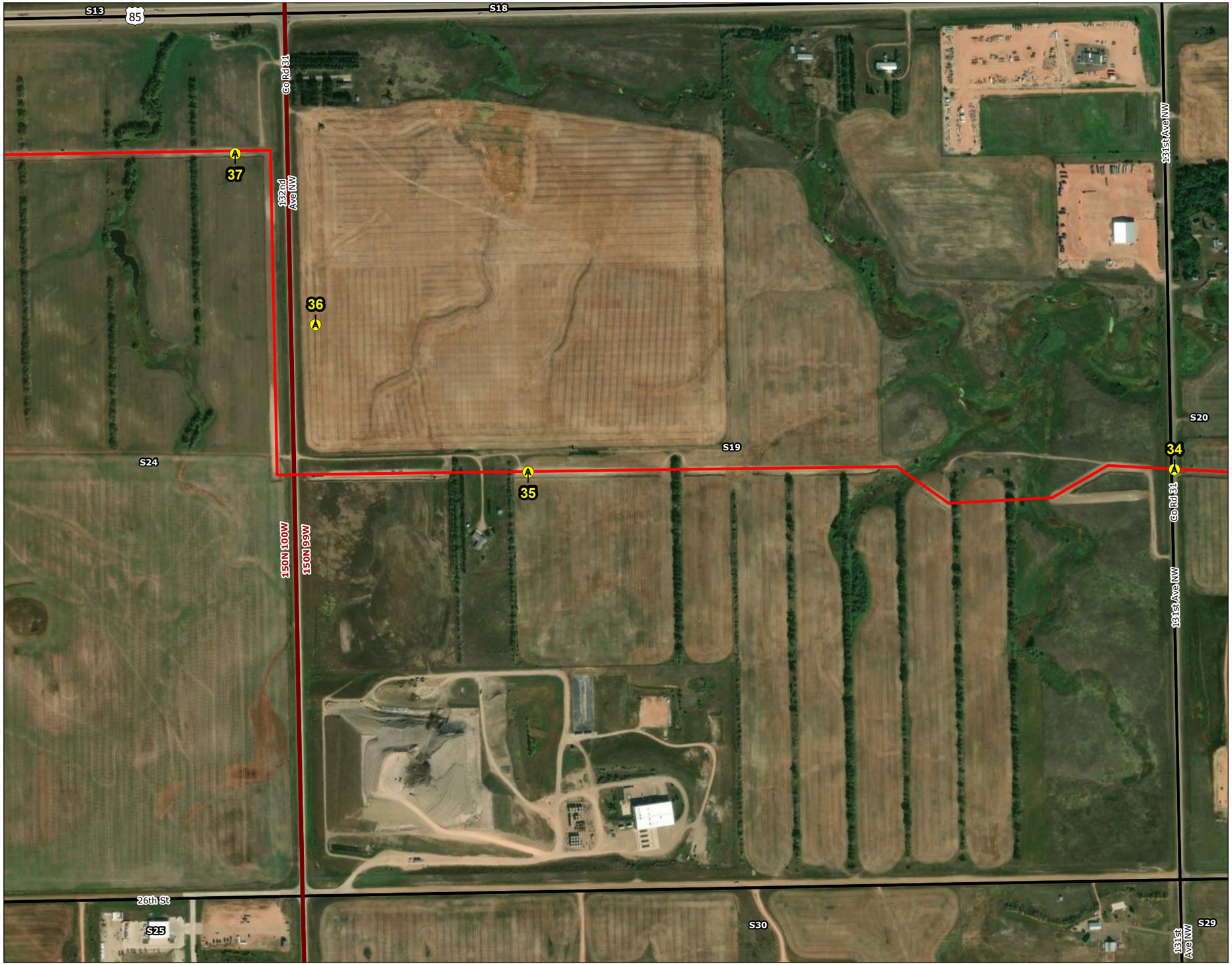


Figure No.
9

Title
As-Built Inspection

Client/Project 227708322
North Dakota Public Service Commission
PU-25-084 Hiland Express Spine Pipeline

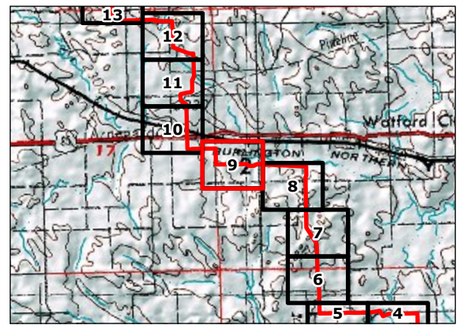
Project Location
McKenzie Co., ND

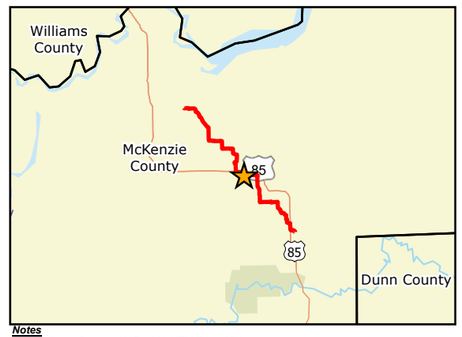
Prepared by BS on 2026-07-31

N

0 300 600 Feet
(At original document size of 11x17)
1:7,200

Legend
- Hiland Express Spine Pipeline
- Township Boundary
- Section Boundary
- (A) As-Built Observation Location





Notes
1. Coordinate System: NAD 1983 UTM Zone 13N
2. Data Sources: ESRI, USGS
3. Background: ESRI World Imagery

Stantec

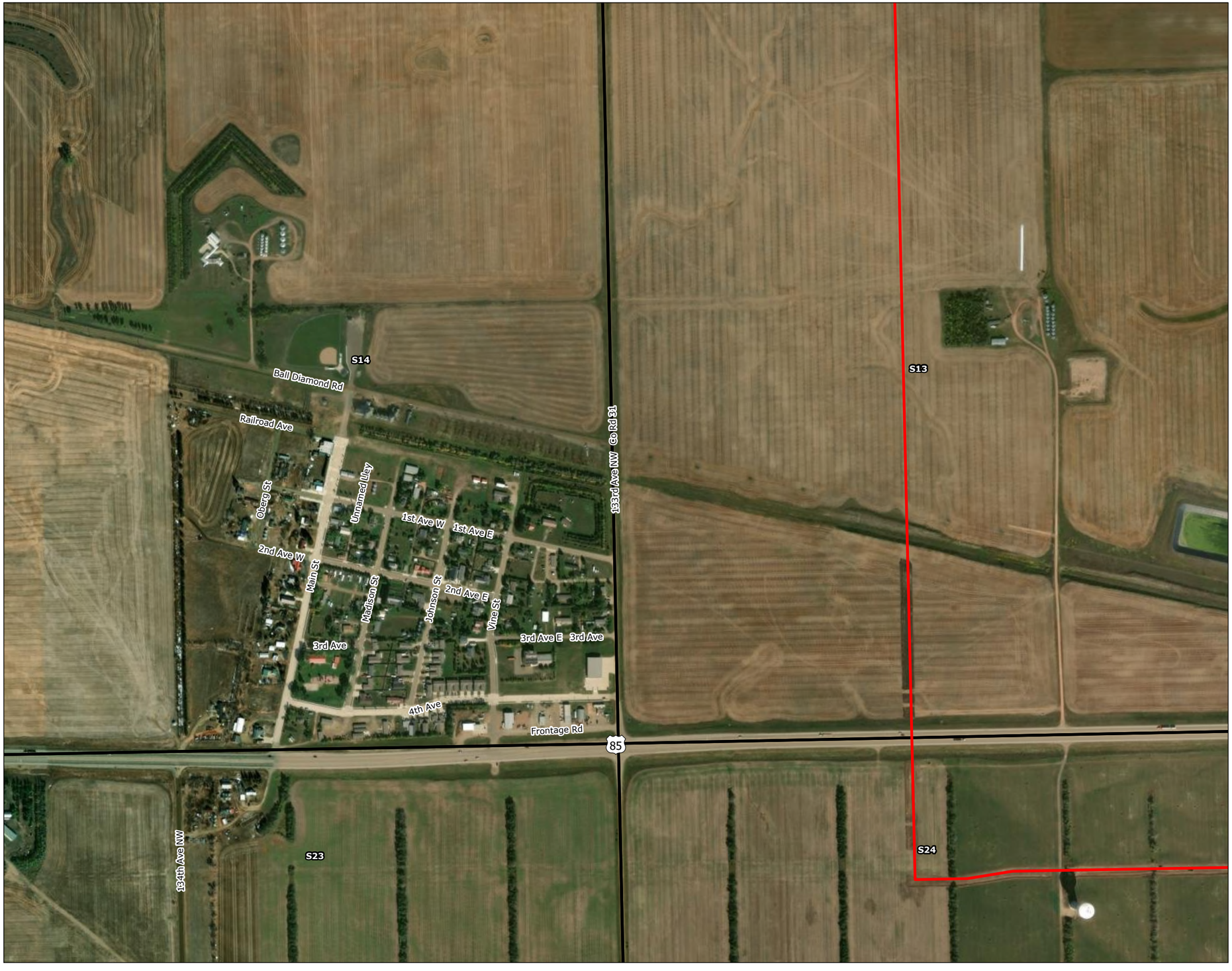


Figure No.
10

Title
As-Built Inspection

Client/Project 227708322
North Dakota Public Service Commission
PU-25-084 Hiland Express Spine Pipeline

Project Location
McKenzie Co., ND

Prepared by BS on 2026-07-31

N

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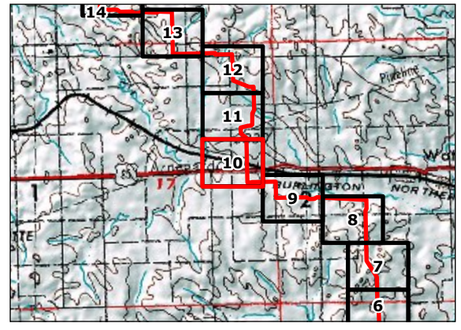
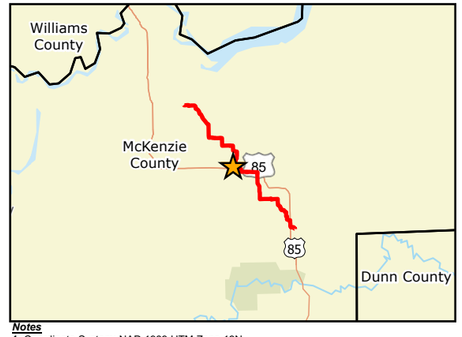
Legend
- Hiland Express Spine Pipeline
- Township Boundary
- Section Boundary
- (A) As-Built Observation Location





Notes
1. Coordinate System: NAD 1983 UTM Zone 13N
2. Data Sources: ESRI, USGS
3. Background: ESRI World Imagery

Stantec

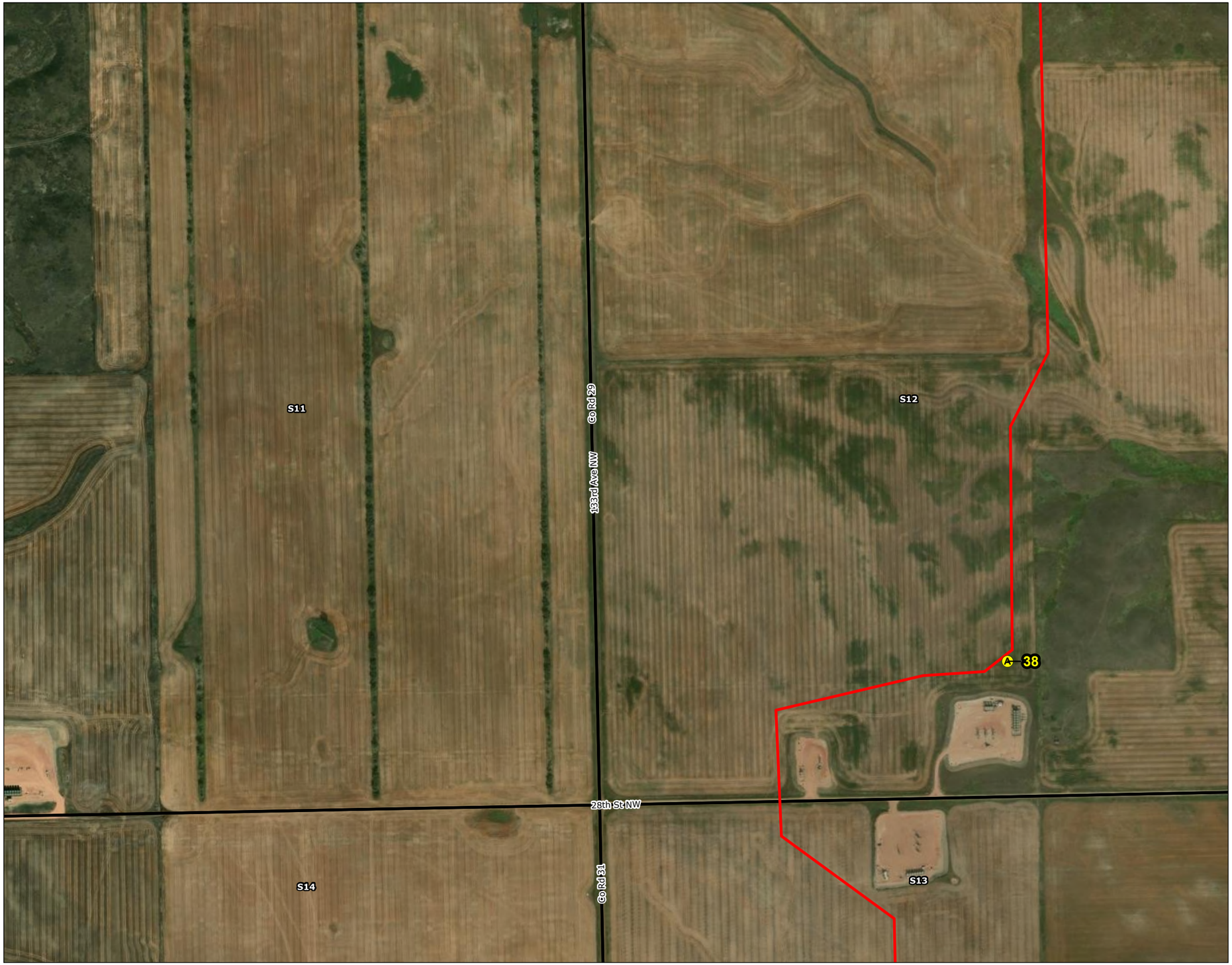


Figure No.
11

Title
As-Built Inspection

Client/Project 227708322
North Dakota Public Service Commission
PU-25-084 Hiland Express Spine Pipeline

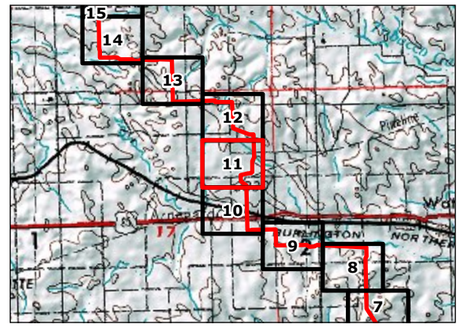
Project Location
McKenzie Co., ND

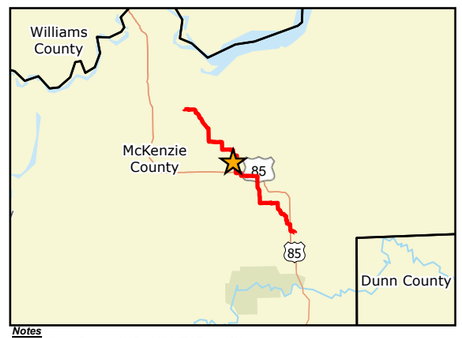
Prepared by BS on 2026-07-31

N

0 300 600 Feet
(At original document size of 11x17)
1:7,200

Legend
- Hiland Express Spine Pipeline
- Township Boundary
- Section Boundary
- (A) As-Built Observation Location





Notes
1. Coordinate System: NAD 1983 UTM Zone 13N
2. Data Sources: ESRI, USGS
3. Background: ESRI World Imagery

Stantec

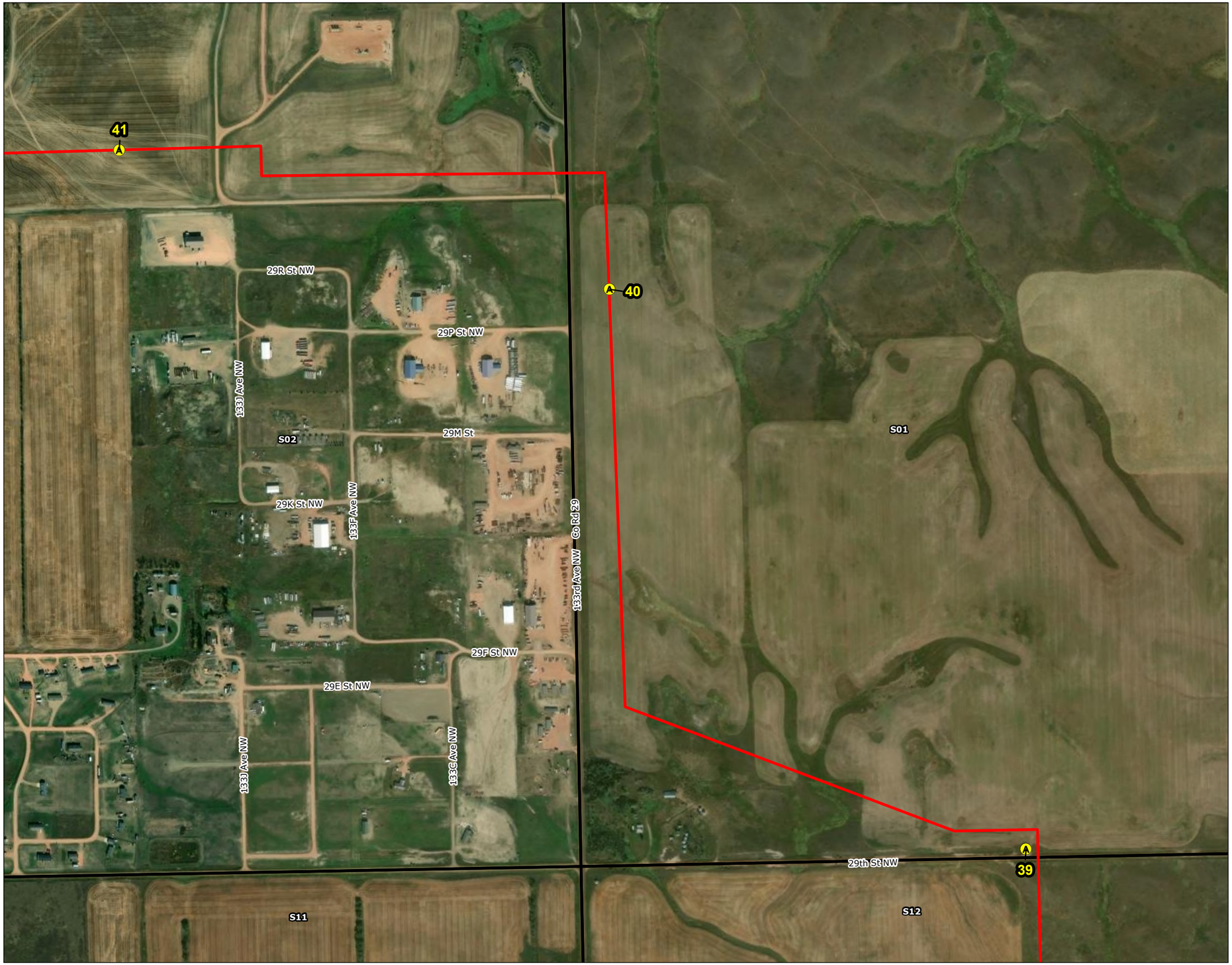


Figure No.
12

Title
As-Built Inspection

Client/Project 227708322
North Dakota Public Service Commission
PU-25-084 Hiland Express Spine Pipeline

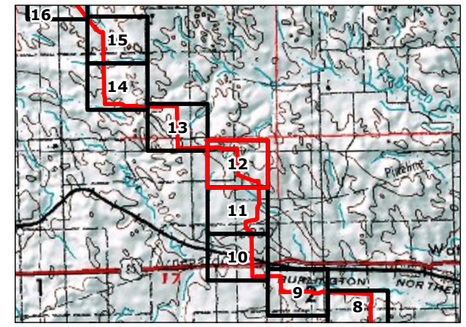
Project Location
McKenzie Co., ND

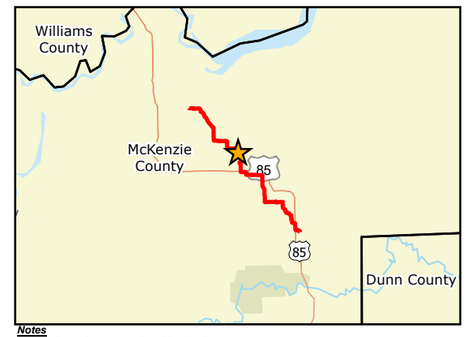
Prepared by BS on 2026-07-31

N

0 300 600 Feet
(At original document size of 11x17)
1:7,200

Legend
- Hiland Express Spine Pipeline
- Township Boundary
- Section Boundary
- (A) As-Built Observation Location





Notes
1. Coordinate System: NAD 1983 UTM Zone 13N
2. Data Sources: ESRI, USGS
3. Background: ESRI World Imagery

Stantec

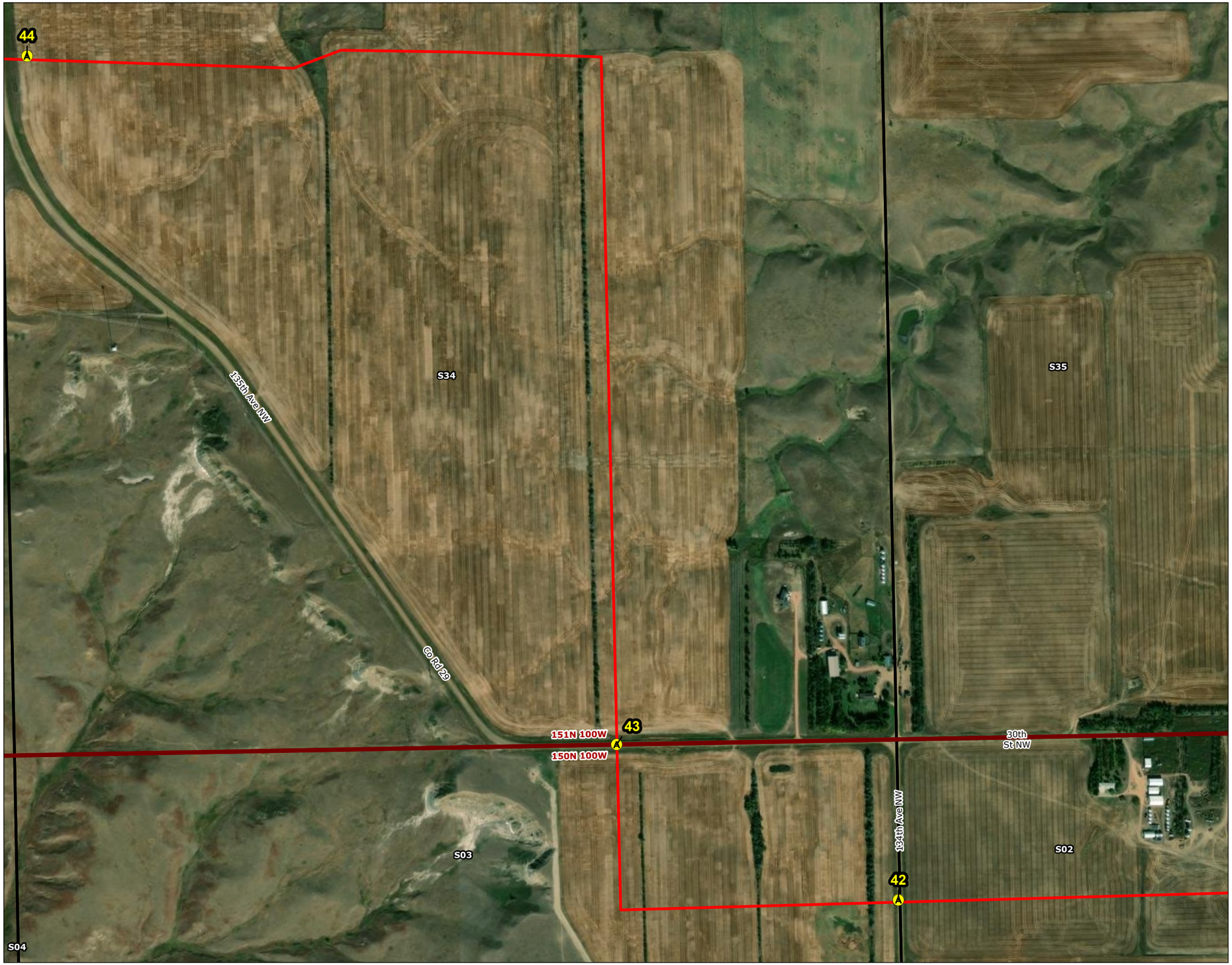


Figure No.
13

Title
As-Built Inspection

Client/Project
North Dakota Public Service Commission
PU-25-084 Hiland Express Spine Pipeline

227708322

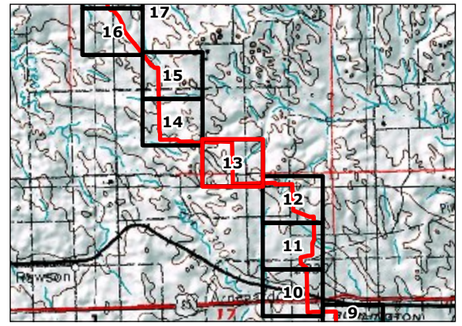
Project Location
McKenzie Co., ND

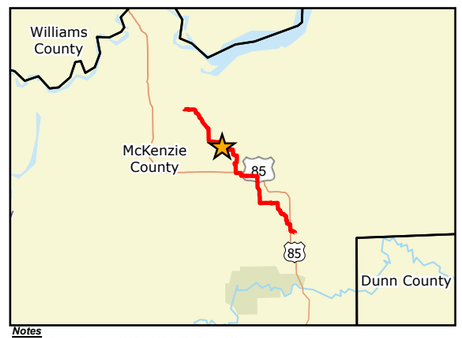
Prepared by BS on 2026-07-31

N

0 300 600 Feet
(At original document size of 11x17)
1:7,200

Legend
- Hiland Express Spine Pipeline
- Township Boundary
- Section Boundary
- A As-Built Observation Location





Notes
1. Coordinate System: NAD 1983 UTM Zone 13N
2. Data Sources: ESRI, USGS
3. Background: ESRI World Imagery

Stantec

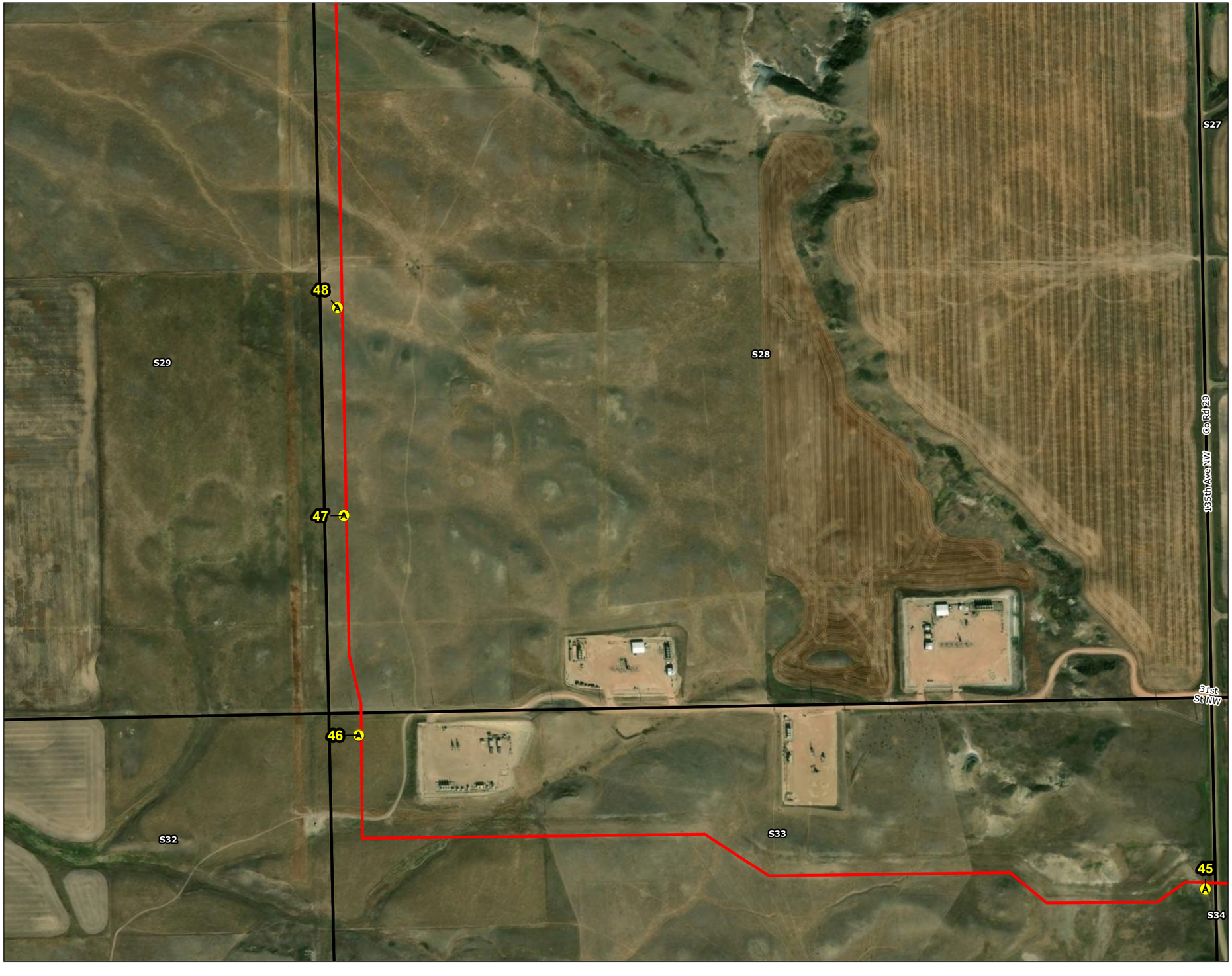


Figure No.
14

Title
As-Built Inspection

Client/Project 227708322
North Dakota Public Service Commission
PU-25-084 Hiland Express Spine Pipeline

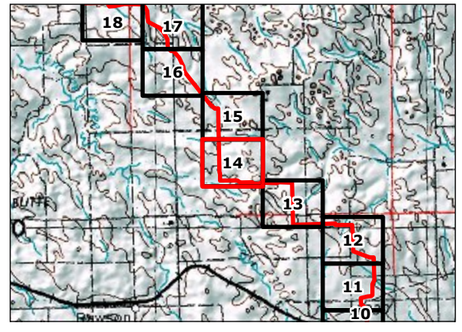
Project Location
McKenzie Co., ND

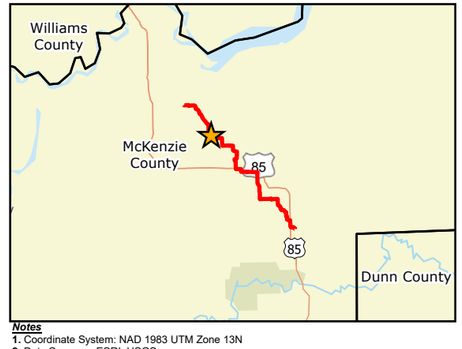
Prepared by BS on 2026-07-31

N

0 300 600 Feet
(At original document size of 11x17)
1:7,200

Legend
- Hiland Express Spine Pipeline
- Township Boundary
- Section Boundary
- (A) As-Built Observation Location





Notes
1. Coordinate System: NAD 1983 UTM Zone 13N
2. Data Sources: ESRI, USGS
3. Background: ESRI World Imagery

Stantec

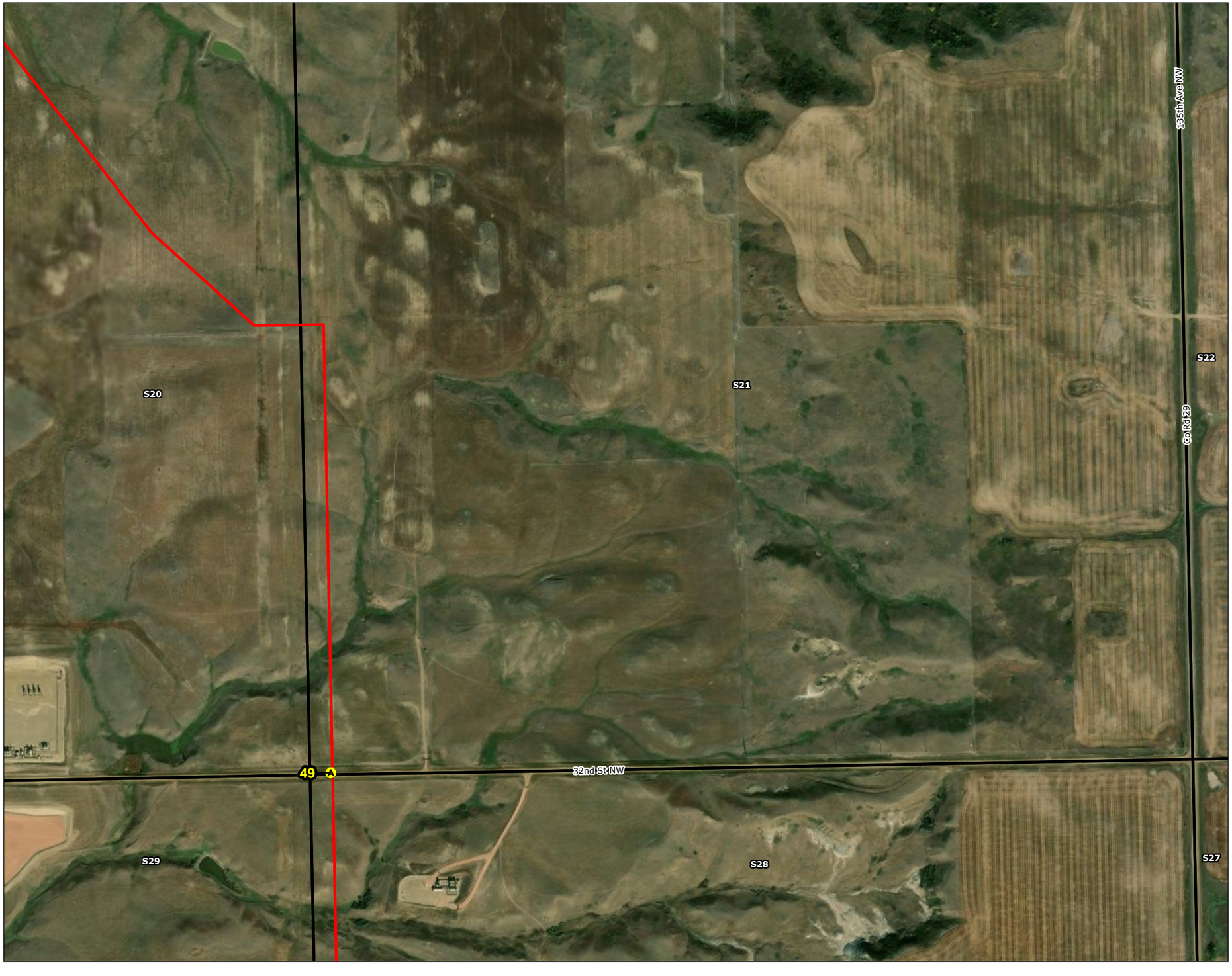


Figure No.
15

Title
As-Built Inspection

Client/Project 227708322
North Dakota Public Service Commission
PU-25-084 Hiland Express Spine Pipeline

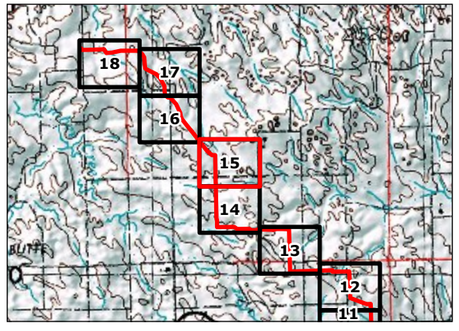
Project Location
McKenzie Co., ND

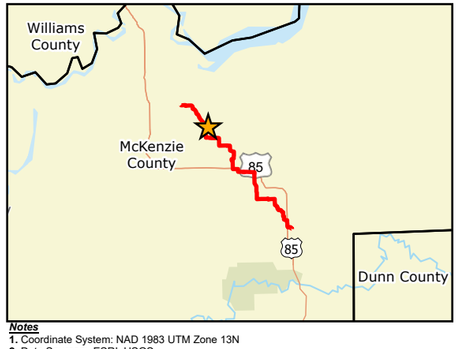
Prepared by BS on 2026-07-31

N

0 300 600 Feet
(At original document size of 11x17)
1:7,200

Legend
- Hiland Express Spine Pipeline
- Township Boundary
- Section Boundary
- (A) As-Built Observation Location





Notes
1. Coordinate System: NAD 1983 UTM Zone 13N
2. Data Sources: ESRI, USGS
3. Background: ESRI World Imagery

Stantec

Figure No.
16

Title
As-Built Inspection

Client/Project 227708322
North Dakota Public Service Commission
PU-25-084 Hiland Express Spine Pipeline

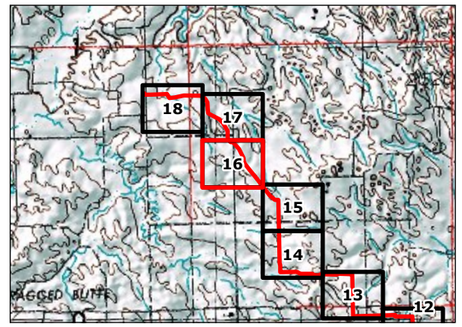
Project Location
McKenzie Co., ND

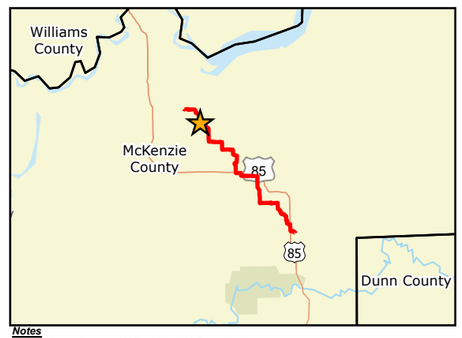
Prepared by BS on 2026-07-31

N

0 300 600 Feet
(At original document size of 11x17)
1:7,200

Legend
- Hiland Express Spine Pipeline
- Township Boundary
- Section Boundary
- (A) As-Built Observation Location





Notes
1. Coordinate System: NAD 1983 UTM Zone 13N
2. Data Sources: ESRI, USGS
3. Background: ESRI World Imagery

Stantec

Figure No.
17

Title
As-Built Inspection

Client/Project 227708322
North Dakota Public Service Commission
PU-25-084 Hiland Express Spine Pipeline

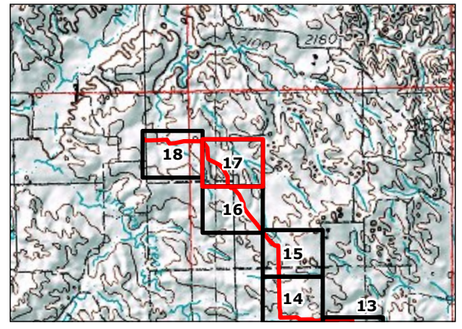
Project Location
McKenzie Co., ND

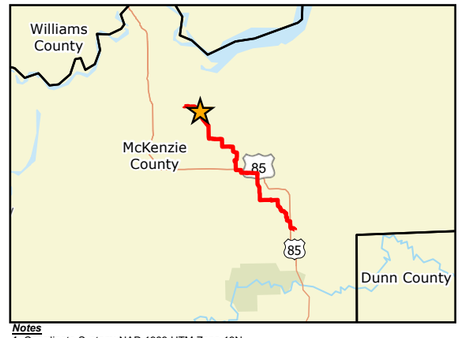
Prepared by BS on 2026-07-31

N

0 300 600 Feet
(At original document size of 11x17)
1:7,200

Legend
- Hiland Express Spine Pipeline
- Township Boundary
- Section Boundary
- (A) As-Built Observation Location





Notes
1. Coordinate System: NAD 1983 UTM Zone 13N
2. Data Sources: ESRI, USGS
3. Background: ESRI World Imagery

Stantec

Figure No.
18

Title
As-Built Inspection

Client/Project 227708322
North Dakota Public Service Commission
PU-25-084 Hiland Express Spine Pipeline

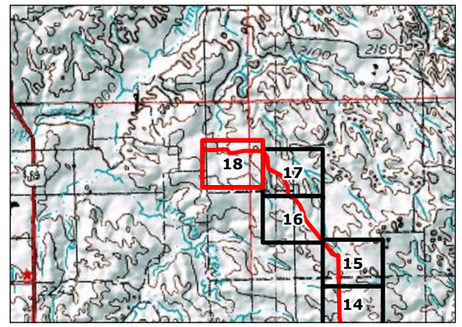
Project Location
McKenzie Co., ND

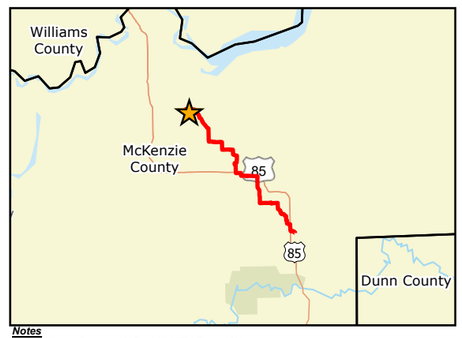
Prepared by BS on 2026-07-31

N

0 300 600 Feet
(At original document size of 11x17)
1:7,200

Legend
- Hiland Express Spine Pipeline
- Township Boundary
- Section Boundary
- (A) As-Built Observation Location





Notes
1. Coordinate System: NAD 1983 UTM Zone 13N
2. Data Sources: ESRI, USGS
3. Background: ESRI World Imagery

Stantec

APPENDIX A

Observation Point Photolog

Observation Point: 1
Date Taken: July 20, 2026 11:27 AM
Direction Photo is Taken:

Photo Description: Silt fence still in place near wetland

Latitude: 47.6928570384678
Longitude: -103.27201877154756

Observation Point: 2
Date Taken: July 20, 2026 11:31 AM
Direction Photo is Taken: Northeast

Photo Description: Crop fields growing back well following pipeline restoration.

Latitude: 47.69320817647831
Longitude: -103.27256462133904

Observation Point: 3
Date Taken: July 20, 2026 11:35 AM
Direction Photo is Taken: East

Photo Description: Good contouring, vegetation establishing well

Latitude:
Longitude:

Observation Point: 4
Date Taken: July 20, 2026 11:38 AM
Direction Photo is Taken: North

Photo Description: Aggregate re-installed over pipeline ROW, no concerns with final restoration

Latitude: 47.69591717401604
Longitude: -103.28185690443445

Observation Point: 5
Date Taken: July 20, 2026 11:41 AM
Direction Photo is Taken:

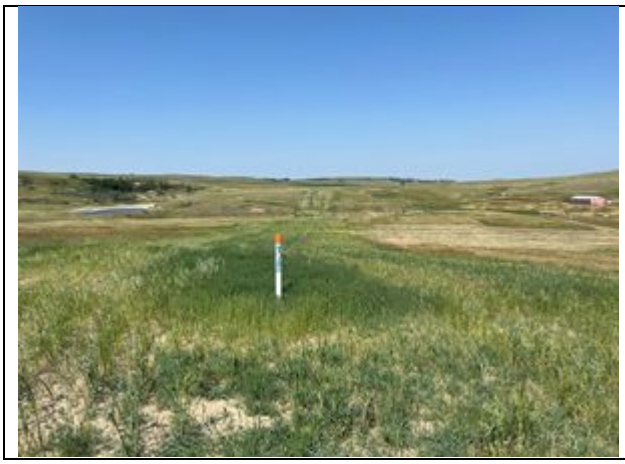
Photo Description: Good contouring, vegetation establishing well

Latitude: 47.69948387166082
Longitude: -103.28226324162716

Observation Point: 6
Date Taken: July 20, 2026 11:50 AM
Direction Photo is Taken: South

Photo Description: Good contouring, vegetation establishing well

Latitude: 47.70692150589852
Longitude: -103.28286948900454



Observation Point: 7
Date Taken: July 20, 2026 11:52 AM
Direction Photo is Taken: West

Photo Description: Good contouring, vegetation establishing well

Latitude: 47.70736857801723
Longitude: -103.28473530844037

Observation Point: 8
Date Taken: July 20, 2026 11:57 AM
Direction Photo is Taken: Southeast

Photo Description: Good contouring, crops within ROW appear to be comparable to those adjacent

Latitude: 47.71569550984361
Longitude: -103.29296517069653

Observation Point: 9
Date Taken: July 20, 2026 11:59 AM
Direction Photo is Taken: North

Photo Description: Good contouring, vegetation establishing well

Latitude: 47.71695145469533
Longitude: -103.29284933447795

Observation Point: 10
Date Taken: July 20, 2026 12:01 PM
Direction Photo is Taken: North

Photo Description: Minor bare spot on downslope, will need to verify vegetation is established well during final inspection.

Latitude: 47.71980225237781
Longitude: -103.29279711092796

Observation Point: 11
Date Taken: July 20, 2026 12:05 PM
Direction Photo is Taken: Northwest

Photo Description: Good contouring, vegetation establishing well

Latitude: 47.72203575312955
Longitude: -103.29276109049572

Observation Point: 12
Date Taken: July 20, 2026 12:18 PM
Direction Photo is Taken: East

Photo Description: Timber mats removed and fence replaced, good vegetation establishment.

Latitude: 47.72642687171786
Longitude: -103.30464861259539

Observation Point: 13
Date Taken: July 20, 2026 12:20 PM
Direction Photo is Taken: North

Photo Description: Good contouring, topsoil contains rocks but consistent with surrounding soils in the area.

Latitude: 47.72681591474224
Longitude: -103.30539353332846

Observation Point: 14
Date Taken: July 20, 2026 12:24 PM
Direction Photo is Taken: North

Photo Description: Good contouring, vegetation appears to have died prior to being well established. Area may need to be re-seeded in the fall.

Latitude: 47.72933630371812
Longitude: -103.3081956701153

Observation Point: 15
Date Taken: July 20, 2026 12:27 PM
Direction Photo is Taken: West

Photo Description: Good contouring, vegetation establishing well

Latitude: 47.73364183941925
Longitude: -103.3101186687731

	**Observation Point: 16** Date Taken: July 20, 2026 12:30 PM Direction Photo is Taken: North Photo Description: Good contouring, vegetation establishing well Latitude: 47.7355373225831 Longitude: -103.31424523734563

	**Observation Point: 17** Date Taken: July 20, 2026 12:33 PM Direction Photo is Taken: North Photo Description: Good contouring, vegetation establishing well Latitude: 47.74027242610663 Longitude: -103.31471641128822

	**Observation Point: 18** Date Taken: July 20, 2026 12:37 PM Direction Photo is Taken: North Photo Description: Good contouring, crops within ROW appear to be comparably to those adjacent Latitude: 47.74430707066346 Longitude: -103.31470435649253

Observation Point: 19
Date Taken: July 20, 2026 12:39 PM
Direction Photo is Taken: West

Photo Description: Good contouring, crops within ROW appear to be stressed as compared to those adjacent.

Latitude: 47.7464830935204
Longitude: -103.3157626127917

Observation Point: 20
Date Taken: July 20, 2026 12:42 PM
Direction Photo is Taken: West

Photo Description: Silt fence still in place, can be removed since vegetation is partially established.

Latitude: 47.74659166049554
Longitude: -103.326718255976

Observation Point: 21
Date Taken: July 20, 2026 12:47 PM
Direction Photo is Taken: East

Photo Description: Vegetation well established adjacent to stream.

Latitude: 47.74576438205464
Longitude: -103.3319179678139

Observation Point: 22
Date Taken: July 20, 2026 12:51 PM
Direction Photo is Taken: East

Photo Description: Good contouring, crops within ROW appear to be comparable to those adjacent

Latitude: 47.74713677944172
Longitude: -103.33788091202148

Observation Point: 23
Date Taken: July 20, 2026 12:52 PM
Direction Photo is Taken: West

Photo Description: Good contouring, vegetation well established. Pipeline marker indicates pipeline is constructed per the plans submitted to the PSC.

Latitude: 47.74716317644689
Longitude: -103.3379703819935

Observation Point: 24
Date Taken: July 20, 2026 12:55 PM
Direction Photo is Taken: West

Photo Description: Good contouring, crops within ROW appear to be comparable to those adjacent

Latitude: 47.74711254960801
Longitude: -103.3507920957346

Observation Point: 25
Date Taken: July 20, 2026 12:59 PM
Direction Photo is Taken: North

Photo Description: Good contouring and crop through ROW. (above ground facility in photo not part of this project)

Latitude: 47.74698000671482
Longitude: -103.36290967867214

Observation Point: 26
Date Taken: July 20, 2026 1:04 PM
Direction Photo is Taken: South

Photo Description: Good contouring, crops within ROW appear to be comparable to those adjacent

Latitude: 47.76124129021151
Longitude: -103.36353892368405

Observation Point: 27
Date Taken: July 20, 2026 1:23 PM
Direction Photo is Taken: North

Photo Description: Good contouring, crops within ROW appear to be comparable to those adjacent. As of taking this photo, this crop was being harvested and thus may appear misleading as the ROW area was freshly cut.

Latitude: 47.76361419695735
Longitude: -103.36359807519824

	**Observation Point: 28** Date Taken: July 20, 2026 1:24 PM Direction Photo is Taken: North Photo Description: Above ground pig launcher facility constructed w/ aggregate pad and fencing. Latitude: 47.77526032807171 Longitude: -103.36789425179136

	**Observation Point: 29** Date Taken: July 20, 2026 1:27 PM Direction Photo is Taken: North Photo Description: Good contouring, crops within ROW appear to be comparable to those adjacent Latitude: 47.77963375564457 Longitude: -103.36845713377927

	**Observation Point: 30** Date Taken: July 20, 2026 1:35 PM Direction Photo is Taken: South Photo Description: Good contouring, crops within ROW appear to be comparable to those adjacent Latitude: 47.78574220099122 Longitude: -103.36861225952616

Observation Point: 31
Date Taken: July 20, 2026 1:39 PM
Direction Photo is Taken: North

Photo Description: Adequate vegetation establishment across ROW.

Latitude: 47.78719063182784
Longitude: -103.3685557192527

Observation Point: 32
Date Taken: July 20, 2026 1:43 PM
Direction Photo is Taken: East

Photo Description: Fencing properly replaced.

Latitude: 47.79603257595121
Longitude: -103.3695419322435

Observation Point: 33
Date Taken: July 20, 2026 1:44 PM
Direction Photo is Taken: West

Photo Description: Good contouring, sparse vegetation may require re-seeding in the fall.

Latitude: 47.79608220699721
Longitude: -103.3701117890883

Observation Point: 34
Date Taken: July 20, 2026 1:54 PM
Direction Photo is Taken: East

Photo Description: Adequate grading and vegetation re-establishment. Pipeline marker indicates pipeline was constructed in proper location per GIS mapping.

Latitude: 47.79704878173122
Longitude: -103.39048227870278

Observation Point: 35
Date Taken: July 20, 2026 2:02 PM
Direction Photo is Taken: East

Photo Description: Good contouring and vegetation establishment across ROW.

Latitude: 47.79722908913246
Longitude: -103.4062128606578

Observation Point: 36
Date Taken: July 20, 2026 2:06 PM
Direction Photo is Taken: North

Photo Description: Good contouring and vegetation establishment across ROW.

Latitude: 47.79971229932222
Longitude: -103.4113117638643

Observation Point: 37
Date Taken: July 20, 2026 2:12 PM
Direction Photo is Taken: West

Photo Description: Crop appear adequate across pipeline ROW.

Latitude: 47.80254507018225
Longitude: -103.41318200982386

Observation Point: 38
Date Taken: July 20, 2026 2:21 PM
Direction Photo is Taken: North

Photo Description: Crops well established through pipeline ROW

Latitude: 47.82152566503673
Longitude: -103.4233977774394

Observation Point: 39
Date Taken: July 20, 2026 2:28 PM
Direction Photo is Taken: Northwest

Photo Description: Vegetation well established across ROW. Confirmed pipeline was bored underneath roadway at this location.

Latitude: 47.83390941861345
Longitude: -103.42257578917913

Observation Point: 40
Date Taken: July 20, 2026 2:36 PM
Direction Photo is Taken: South

Photo Description: Crops well established through pipeline ROW.

Latitude: 47.84322389749182
Longitude: -103.43243907880615

Observation Point: 41
Date Taken: July 20, 2026 2:46 PM
Direction Photo is Taken: West

Photo Description: Crops well established through pipeline ROW.

Latitude: 47.84566511830102
Longitude: -103.44431495029237

Observation Point: 42
Date Taken: July 20, 2026 2:53 PM
Direction Photo is Taken: West

Photo Description: Crops well established across pipeline ROW.

Latitude: 47.84564743126528
Longitude: -103.45494604158716

	**Observation Point: 43** Date Taken: July 21, 2026 11:39 AM Direction Photo is Taken: North Photo Description: Crops well established across pipeline ROW. Latitude: 47.84828713059272 Longitude: -103.4617336493306

	**Observation Point: 44** Date Taken: July 21, 2026 11:43 AM Direction Photo is Taken: East Photo Description: Crops well established across pipeline ROW. Latitude: 47.85976060661663 Longitude: -103.475767259462

Observation Point: 45
Date Taken: July 21, 2026 11:46 AM
Direction Photo is Taken: West

Photo Description: Good contouring overall, vegetation beginning to establish. Topsoil appears to resemble adjacent topsoil coloring and depth.

Latitude: 47.85963085471307
Longitude: -103.47667585825653

Observation Point: 46
Date Taken: July 21, 2026 11:54 AM
Direction Photo is Taken: South

Photo Description: Crop yields are relatively sparse across ROW in this area, will need to revisit following year to re-check vegetation.

Latitude: 47.86242502327243
Longitude: -103.4972347794617

	**Observation Point: 47** Date Taken: July 21, 2026 11:57 AM Direction Photo is Taken: North Photo Description: Good contouring, vegetation present but fairly sparse. Likely needs to be re-seeded in the fall/spring. Latitude: 47.86603315690379 Longitude: -103.49748977067463

	**Observation Point: 48** Date Taken: July 21, 2026 12:00 PM Direction Photo is Taken: North Photo Description: Low area appearing to contain high salinity soils preventing vegetation growth. It appears that this area was in a similar condition pre-construction. Latitude: 47.86944226853918 Longitude: -103.49755025497673

	**Observation Point: 49** Date Taken: July 21, 2026 12:11 PM Direction Photo is Taken: North Photo Description: Fencing replaced properly. Ditch appears to have not been seeded adequately and will likely need re-seeding in the fall. Latitude: 47.8772892726813 Longitude: -103.49748171142261

Observation Point: 50
Date Taken: July 21, 2026 12:21 PM
Direction Photo is Taken: Southeast

Photo Description: Crops well established across pipeline ROW.

Latitude: 47.90428217469263
Longitude: -103.51884821056814

Observation Point: 51
Date Taken: July 21, 2026 12:24 PM
Direction Photo is Taken: West

Photo Description: Fencing properly replaced. Ditch may need additional seeding and BMPs installed to allow for proper vegetation establishment.

Latitude: 47.90426176475969
Longitude: -103.5195630183902

Observation Point: 52
Date Taken: July 21, 2026 12:27 PM
Direction Photo is Taken: North

Photo Description: Fencing properly replaced.

Latitude: 47.90623221374499
Longitude: -103.5217530794369

Observation Point: 53
Date Taken: July 21, 2026 12:36 PM
Direction Photo is Taken: East

Photo Description: Crops appear relatively sparse across pipeline ROW in this area. This area will be revisited during the final inspection..

Latitude: 47.91979640526395
Longitude: -103.54364167813829

Observation Point: 54
Date Taken: July 21, 2026 12:45 PM
Direction Photo is Taken: West

Photo Description: Fencing properly replaced. Vegetation not establishing in this area and will need re-seeding in the fall.

Latitude: 47.92043797013687
Longitude: -103.5540140603687

Observation Point: 55
Date Taken: July 21, 2026 12:49 PM
Direction Photo is Taken: East

Photo Description: Very sparse crop yields across pipeline ROW. This could potentially be from mixing of subsoils and topsoil. Revisitation during the final inspection will be necessary to determine if area is sufficiently reclaimed.

Latitude: 47.92040484285743
Longitude: -103.56190469236695